

We publish I, legal approved movies



symbolforall



bestbookread.today



Vishal Nandigana

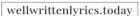
Founder, AIDesign, BlueFMa, AICartoon, BestBookRead, WellWrittenLyrics, Engineernig Documented, symbolforall, industries, Assistant Professor, Mechanical Engineering, IIT Madras, Chennai, India

AICARTOON
We publish I, legal approved movies













Fantasy and Artificial Life Creatures to Reality



Fantasy and Artificial Galaxies to Reality

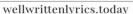


AICARTOON
We publish I, legal approved movies

Membrane Technology and Deep Learning Applications











Fantasy and Artificial Life Creatures in World, Stars, Galaxies and Universe to Reality





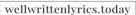


Membrane Technology and Deep **Learning Applications**



AICARTOON We publish I, legal approved movies

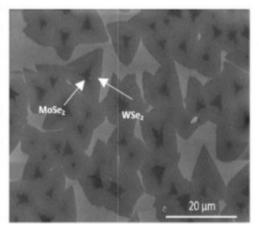
bestbookread.today

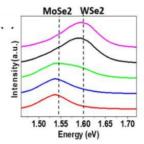


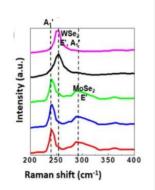




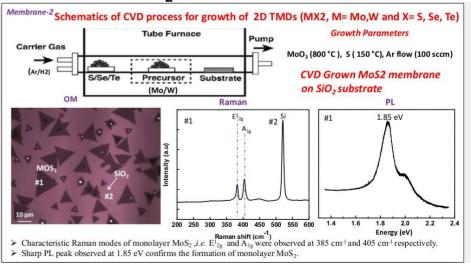
Membrane 1: MoSe₃/WSe₃ on SiO₃ substrate







Membrane 2: MOS₂ on SiO₂ substrate



Membrane Technology and Deep Learning Applications



AICARTOON
We publish I, legal approved movies

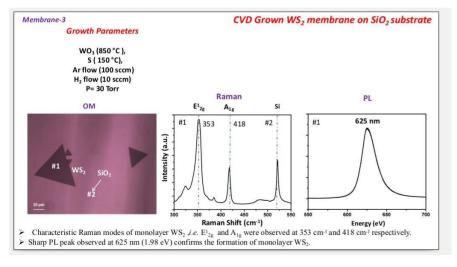
bestbookread.today







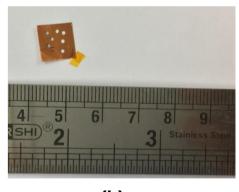
Membrane 3: WS₂ on SiO₂ substrate



Membrane 4: Growth of Meso/MM scale (10 μ m – mm size) Gr/Cu membrane with (a) single hole (b) multiple holes



(a)



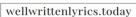
(b)

AICARTOON
We publish I, legal approved movies

Membrane Technology and Deep Learning Applications



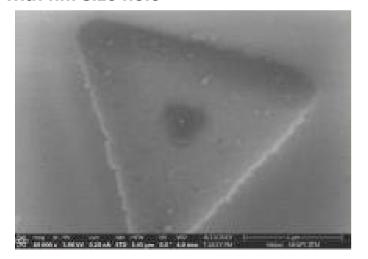








Membrane 5: 3D nm scale SiO₂ membrane with nm size hole



Membrane 6: micro scale PCTE membrane with nm scale holes



AICARTOON
We publish I, legal approved movies

Membrane Technology and Deep Learning Applications



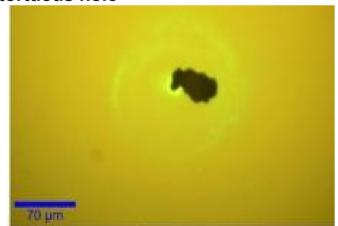
bestbookread.today

wellwrittenlyrics.today

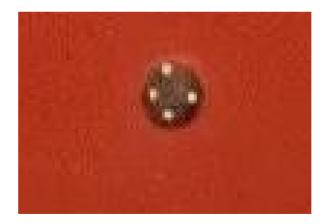




Membrane 7: meso/mm scale Anodic Aluminum Oxide or AAO membrane with micro scale tortuous hole



Membrane 8: MM/cm scale Silicone membrane with mm scale hole

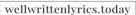


AICARTOON
We publish I, legal approved movies

Membrane Technology and Deep Learning Applications





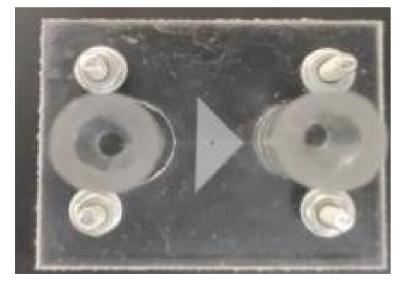






Device 1: Micro-Nano Fluidic Chip, MM scale fluid storage

Device 2: MM/cm scale Osmotic Power Generator, large cm scale fluid storage



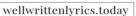


Membrane Technology and Deep Learning Applications





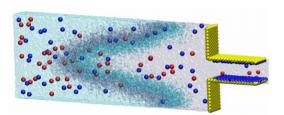
bestbookread.today

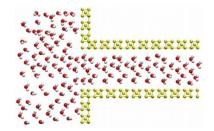






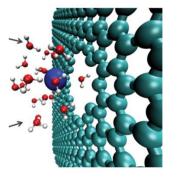
Controlling fluid right, left, rotation, phase movement with voltage switch in nm scale membrane and nm channel

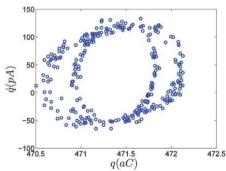




water is mixed controlled with voltage and tight theory

water phase is locked to ice phase





water shell is created and locked with voltage and tight theory, charge amount in nm scale membrane and nm channel is fluid/membrane/salt under use/voltage needed tight theory is available

Manikandan, D., Nandigana, V.V.R. Overlimiting current near a nanochannel a new insight using molecular dynamics simulations. Sci Rep 11, 15216 (2021).

Nandigana, V. V. R.; Heiranian, M.; Aluru, N. R.; Single Ion Transport with a Single-Layer Graphene Nanopore. Int. J. Mech. Mechatronics Eng. 2019, 13, 479–483

Nandigana, V. V. R. & Aluru, N. R. 1/f pink chaos in nanopores. RSC Adv. 7, 46092–46100 (2017).

design

BlueFMa PVT LTD, GSTIIN, India





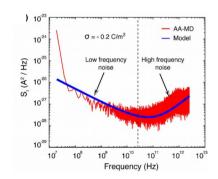
Membrane Technology and Deep Learning Applications



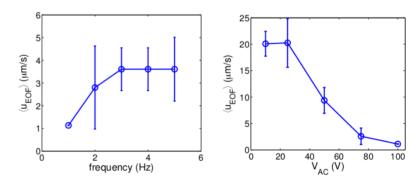




Controlling fluid right, left, rotation, phase movement with voltage switch in nm scale membrane and nm channel



salt use transport noise, water transport noise in nm scale membrane and nm scale channel with voltage switch tight theory is available Precise water pumping with voltage switch in micro/nm scale membrane with nm scale holes



Onkar Patil, D. Manikandan & Vishal V. R. Nandigana (2020) A molecular dynamics simulation framework for predicting noise in solid-state nanopores, Molecular Simulation, 46:13, 1011-1016.

Vishal Nandigana, Sharad Kumar Yadav, Manikandan D., K. D. Jo, A. T. Timperman, N. R. Aluru (2021). AC nanopump design and manufacture. International Journal of Advance Research, Ideas and Innovations in Technology, 7(3)

Membrane Technology and Deep Learning Applications



bestbookread.today

wellwrittenlyrics.today

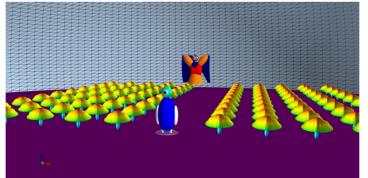




salt use transport, water transport in nm/micro/meso/mm/cm scale membrane with nm/micro/meso/mm scale holes with voltage switch, signal numbers in .csv converted to English language for fluid chip talk

Analog data (truth)	Word (truth)	Analog data (predicted)	Word (Predicted)
[0.006164550781250,	Hallelujah	[0.0195075291873,	Hi lake yeah
0.075042724609375,		0.09635713523597,	
0.031188964843750,		0.083648471995233,	
0.006134033203125,		0.007286403789, 0,	
0.038085937500000,		0.018395017403, -	
0.018829345703125, -		0.235778201754, -	
0.025024414062500, -		0.08751373253, -	
0.031188964843750, -		0.015412925712, -	
0.075042724609375, -		0.0513651812935, -	
0.125854492187500, -		0.474627289, 0, -	

 Signal numbers in .csv converted to .jpeg and .mp4 and .txt and English language and 3D physical manufacturing Product design cartoon/creatures/new species/new land/new space/new world/new moon/new star/new galaxies/touching the universe in scales of new manufacturing and Artificial Intelligence and Deep Learning software engineering and Technology



Sarthak Shreyas, Shriram Elangovan, Guru Viknesh, Shania Mitra, Huzaifa Mustafa Unjhawala, Naresh Kumar, Nilotpal Chakraborty, Vishal Venkata Raghavendra Nandigana, Product Design of Cartoon Characters for Software Feature Film, American Journal of Software Engineering and Applications. Vol. 10, No. 2, 2021, pp. 36-38.

AICARTOON
We publish I, legal approved movies

Membrane Technology and Deep Learning Applications



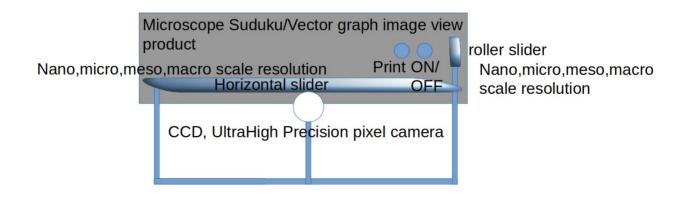






3D computer/printer/computing hardware and software with AI Operating System, for Artificial life/sky/star/new stars/galaxies/Universe 3D printing in all scales to Universe scale

Al Software visualization view of CCD camera display



design

BlueFMa PVT LTD, GSTIIN, India



bestbookread.today

Membrane Technology and Deep Learning Applications



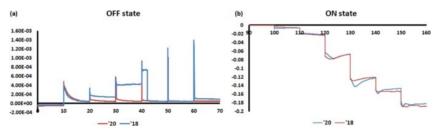
Egginee ing Documented



Fluidic Electronics



Fluidic Diode



Nandigana, V.V.R., Jo, K., Timperman, A. et al. Asymmetric-Fluidic-Reservoirs Induced High Rectification Nanofluidic Diode. Sci Rep 8, 13941 (2018)

https://www.technology.org/2021/08/01/making-a-water-computer-that-actually-works/



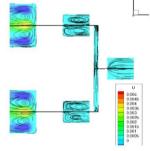
wellwrittenlyrics.today

Fluidic Computer



Fluidic Calculator

Fluidic Logic Gate



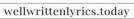
Vishal V R Nandigana, "Fluidic Electronics: Logic Gates", International Journal of Science and Research (IJSR), Volume 10 Issue 5, May 2021, 676 - 678

AICARTOON
We publish I, legal approved movies

Membrane Technology and Deep Learning Applications







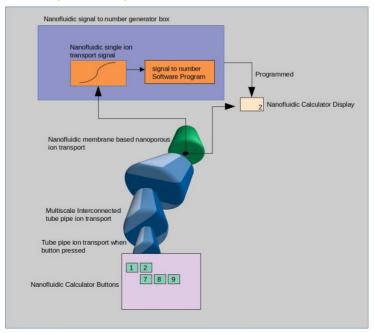




Fluidic Electronics: Fluidic Calculator



Working Principle of Fluidic Calculator

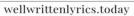


AICARTOON
We publish I, legal approved movies

Membrane Technology and Deep Learning Applications



bestbookread.today



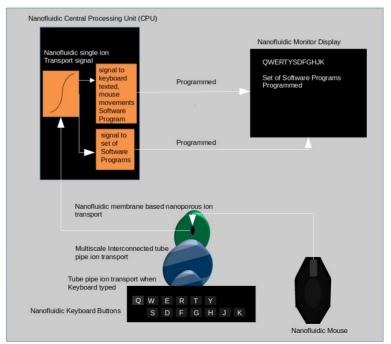




Fluidic Electronics: Fluidic Computer



Working Principle of Fluidic Computer



AICARTOON
We publish I, legal approved movies

Membrane Technology and Deep Learning Applications









3D computer/printer/computing hardware and software with AI Operating System, for Artificial life/sky/star/new stars/galaxies/Universe 3D printing in all scales to Universe scale

Applications:

- (a) Lion King Animal World Artificial Life Park
- (b) Planetorium Artificial Life Sky/Stars/New Stars/Galaxies/Universe Life Material Science equal to Real Life Sky/Stars/New Stars/Galaxies/Universe
- (c) Artificial Life Material Science Products, Toys, Displays Museum

AICARTOON
We publish I, legal approved movies





bestbookread.today





Visual (3D .jpeg, mp4), from Gadgets TV, Computer Monitors, Laptops, Tablets, Smart Phones, to Cinema Projector screens (70 mm screen and 35 mm screen) using ViewWireless.today wireless communications technology in a room facility with audio (.mp3) in the room facility.

Wireless communications technology

Uses no wires, communicates using (x, y, z 3D coordinates and time coordinates that is not one dimensional, but time has power law scaling dimension) and is displayed from Gadgets TV, Computer Monitors, Laptops, Tablets, Smart Phones, to Cinema Projector screens (70 mm screen and 35 mm screen) in a room facility with audio (.mp3) in the room facility.

> **AICARTOON** We publish I, legal approved movies

Membrane Technology and Deep **Learning Applications**



bestbookread.today

wellwrittenlyrics.today



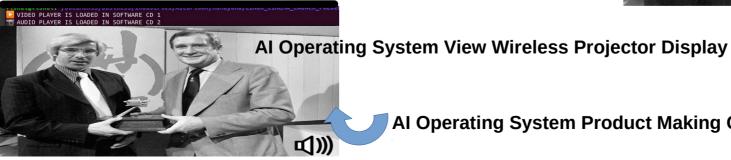


Al Operating System Software Cinema Player









Al Operating System Product Making Computer (PMC)

design

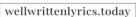
BlueFMa PVT LTD, GSTIIN, India





Membrane Technology and Deep Learning Applications









AI Operating System Fluidic Computer





Al Operating System View Wireless Projector Display

Al Operating System C design Computer Engineering and Technology

AI Operating System Product Making Computer (PMC)

AICARTOON
We publish I, legal approved movies

Membrane Technology and Deep Learning Applications



bestbookread.today

wellwrittenlyrics.today

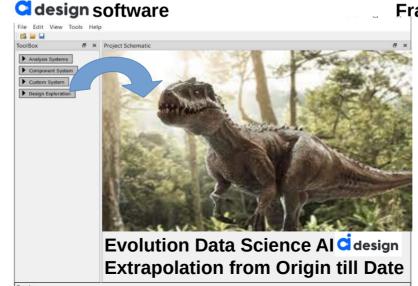


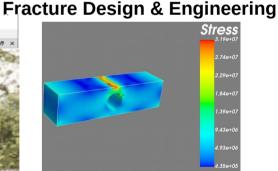


Al Operating System Fluidic Computer



Al Operating System Cidesign Computer Engineering and Technology



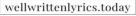


Membrane Technology and Deep **Learning Applications**



AICARTOON We publish I, legal approved movies

bestbookread.today







Al Operating System Cdesign Cloud Computing Room Facility

- 1. Computers
- 2. Data HDDs
- 3. AC
- 4. Room
- 5. Calm Ambience with light music blues

Nandigana, V. (2021). Multi-Scale Data Center Room for Computing and Storage. Indonesian Journal of Computer Science, 10(2).

> **Dynamics & Engineering Document Journals**

Al Operating System Cdesign Computer Engineering and Technology

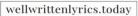








bestbookread.today







AI Operating System Nanofluidic computer





Atom keyboard

M Heiranian and N. R. Aluru Vishal Nandigana, Single layer Graphene nanopore as a nano computer, 19th International Conference on Microfluidics and Nanofluidics, Prgaue, Czech Republic, 2017 **Human – Nanofluidic computer interaction**

Objective/Agendas

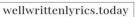
- 1. **design** Computer Engineering and Technology
- 2. AICARTOON Run Software Cinema Player
- 3. ViewWireless.today -> Run View Wireless Projector Display
- 4. Manufacture using Product Making Computer (PMC)

AICARTOON
We publish I, legal approved movies





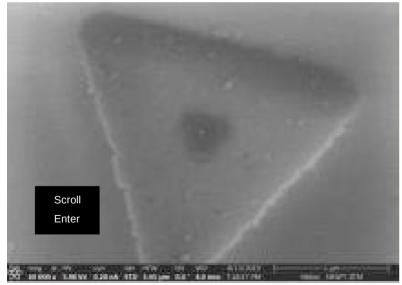




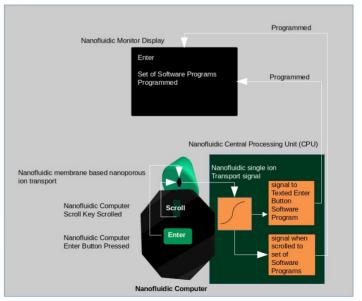




Fluidic Electronics: Nanofluidic Computer



Working Principle of Nanofluidic Computer



Membrane Technology and Deep Learning Applications





bestbookread.today

wellwrittenlyrics.today





Al Operating System design Computer Engineering and Technology

AIDESIGN is commercial, business industry, software to reduce the time to market technology giant industries, legally approved, verified, by extreme rapid, to products of customers, by millisecond any product make technology

https://aidesign.today/

Samples of Open Source CFD software in-house solved will be extrapolated, verified with literature, experiments and practical world applications using AIDESIGN commercial AI software

Open Source CFD software elaborate Computer Engineering and Technology solutions will be in-house solved and made available in GitHub

https://github.com/

Windows/Unix Operating System Open VFOAM® Computer Engineering and Technology

OpenFOAM is the free, open source CFD software developed primarily by OpenCFD Ltd since 2004.

https://www.openfoam.com/