

# Sohan Jheeta

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

401  
citations

840776

11  
h-index

794594

19  
g-index

39  
all docs

39  
docs citations

39  
times ranked

448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron induced chemistry: a new frontier in astrochemistry. <i>Faraday Discussions</i> , 2014, 168, 235-247.	3.2	70
2	The irradiation of pure CH <sub>3</sub> OH and 1:1 mixture of NH <sub>3</sub> :CH <sub>3</sub> OH ices at 30K using low energy electrons. <i>Chemical Physics Letters</i> , 2013, 556, 359-364.	2.6	38
3	Prebiotic RNA Synthesis by Montmorillonite Catalysis. <i>Life</i> , 2014, 4, 318-330.	2.4	30
4	Thermal Condensation of Glycine and Alanine on Metal Ferrite Surface: Primitive Peptide Bond Formation Scenario. <i>Life</i> , 2017, 7, 15.	2.4	28
5	The Routes of Emergence of Life from LUCA during the RNA and Viral World: A Conspectus. <i>Life</i> , 2015, 5, 1445-1453.	2.4	23
6	Electron irradiation of solid nitrous oxide. <i>Chemical Physics Letters</i> , 2008, 460, 108-111.	2.6	20
7	Mars: new insights and unresolved questions. <i>International Journal of Astrobiology</i> , 2021, 20, 394-426.	1.6	19
8	The irradiation of 1:1 mixture of ammonia:carbon dioxide ice at 30K using 1keV electrons. <i>Chemical Physics Letters</i> , 2012, 543, 208-212.	2.6	17
9	SnCl <sub>4</sub> or TiCl <sub>4</sub> : highly efficient catalysts for the detetrahydropyranylation and demethoxymethylation of phenolic ethers and sequential one-pot asymmetric synthesis of 3-aryl-2-hydroxy-2,3-dihydroindan-1-ones from chalcone epoxides. <i>RSC Advances</i> , 2015, 5, 63095-63103.	3.6	12
10	Adsorption and Oxidation of Aromatic Amines on Metal(II) Hexacyanocobaltate(III) Complexes: Implication for Oligomerization of Exotic Aromatic Compounds. <i>Inorganics</i> , 2017, 5, 18.	2.7	12
11	Conceptual challenges for the emergence of the biological system: Cell theory and self-replication. <i>Medical Hypotheses</i> , 2018, 119, 79-83.	1.5	11
12	Viruses as a survival strategy in the armory of life. <i>History and Philosophy of the Life Sciences</i> , 2019, 41, 45.	1.1	11
13	De Novo Nucleic Acids: A Review of Synthetic Alternatives to DNA and RNA That Could Act as Bio-Information Storage Molecules. <i>Life</i> , 2020, 10, 346.	2.4	10
14	Measuring Microbiome Effectiveness: A Role for Ingestible Sensors. <i>Gastrointestinal Disorders</i> , 2020, 2, 3-11.	0.8	10
15	Final frontiers: the hunt for life elsewhere in the Universe. <i>Astrophysics and Space Science</i> , 2013, 348, 1-10.	1.4	9
16	Horizontal Gene Transfer and Its Part in the Reorganisation of Genetics during the LUCA Epoch. <i>Life</i> , 2013, 3, 518-523.	2.4	8
17	Seeing the wood for the trees: A new way to view the human intestinal microbiome and its connection with non-communicable disease. <i>Medical Hypotheses</i> , 2019, 125, 70-74.	1.5	8
18	The Enclosed Intestinal Microbiome: Semiochemical Signals from the Precambrian and Their Disruption by Heavy Metal Pollution. <i>Life</i> , 2022, 12, 287.	2.4	7

#	ARTICLE	IF	CITATIONS
19	The Way forward for the Origin of Life: Prions and Prion-Like Molecules First Hypothesis. <i>Life</i> , 2021, 11, 872.	2.4	6
20	The Landscape of the Emergence of Life. <i>Life</i> , 2016, 6, 20.	2.4	5
21	Synthesis of Nucleic Acid Bases by Metal Ferrite Nanoparticles from a Single Carbon Atom Precursor Molecule: Formamide. <i>Origins of Life and Evolution of Biospheres</i> , 2019, 49, 147-162.	1.9	5
22	Microbiomeâ€“Gut Dissociation: Investigating the Origins of Obesity. <i>Gastrointestinal Disorders</i> , 2021, 3, 156-172.	0.8	5
23	The routes of emergence of life from LUCA during the RNA and viral world. <i>International Journal of Astrobiology</i> , 2016, 15, 1-1.	1.6	4
24	Molecules to Microbes. <i>Sci</i> , 2019, 1, 42.	3.0	4
25	Microbiomeâ€“Gut Dissociation in the Neonate: Obesity and Coeliac Disease as Examples of Microbiome Function Deficiency Disorder. <i>Gastrointestinal Disorders</i> , 2022, 4, 108-128.	0.8	3
26	Are We the First: Was There Life Before Our Solar System?. , 2018, , 321-341.		2
27	Molecules to Microbes. <i>Sci</i> , 2020, 2, 86.	3.0	1
28	Deleterious Effect of Ultraviolet Radiation on <i>Glossogobius giuris</i> : A Short Experimental Study. <i>Sci</i> , 2022, 4, 12.	3.0	1
29	The Blue Earth Project: â€œIs Humanity Settling its own Fate on Ecological Survival?â€ Environmental Dynamics and Global Climate Change, 2022, 13, .	0.2	1
30	Electron, proton and ion induced molecular synthesis and VUV spectroscopy of interstellar molecules in the ice phase. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 451-452.	0.0	0
31	Highlights of the Meeting on â€œHorizontal Gene Transfer and the Last Universal Common Ancestorâ€ Held at the Open University, Milton Keynes, UK. <i>Oriental Journal of Chemistry</i> , 2013, 29, 1687-1693.	0.3	0
32	Molecules to Microbes. <i>Sci</i> , 2020, 2, 20.	3.0	0
33	The Irradiation of CO2 Ice at 30 K with Low Energy Ions. <i>Oriental Journal of Chemistry</i> , 2014, 30, 401-408.	0.3	0