

# Y Hancock

## List of Publications by Year in descending order

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15  
papers

964  
citations

1040056

9  
h-index

1058476

14  
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16  
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docs citations

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times ranked

1888  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tight-binding studies of uniaxial strain in T-graphene nanoribbons. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 214001.	1.8	3
2	Biomolecular phenotyping and heterogeneity assessment of mesenchymal stromal cells using label-free Raman spectroscopy. <i>Scientific Reports</i> , 2021, 11, 4385.	3.3	6
3	Formation of a Copper(II)â€“Tyrosyl Complex at the Active Site of Lytic Polysaccharide Monooxygenases Following Oxidation by H <sub>2</sub> O <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2019, 141, 18585-18599.	13.7	66
4	<i>Streptomyces coelicolor</i> strains lacking polyprenol phosphate mannose synthase and protein O-mannosyl transferase are hyper-susceptible to multiple antibiotics. <i>Microbiology (United Kingdom)</i> , 2018, 164, 369-382.	1.8	10
5	A proposed simulation method for directed self-assembly of nanographene. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 355901.	1.8	0
6	Effect of random edge-vacancy disorder in zigzag graphene nanoribbons. <i>Physical Review B</i> , 2016, 94, .	3.2	14
7	Contrail lobes or mamma? The importance of correct terminology. <i>Weather</i> , 2016, 71, 203-209.	0.7	2
8	Multiparameter Analysis of Human Bone Marrow Stromal Cells Identifies Distinct Immunomodulatory and Differentiation-Competent Subtypes. <i>Stem Cell Reports</i> , 2015, 4, 1004-1015.	4.8	111
9	Pathogens and host immunity in the ancient human oral cavity. <i>Nature Genetics</i> , 2014, 46, 336-344.	21.4	482
10	Effect of asymmetric edge-perturbation and strain on spin-conduction in zigzag graphene nanoribbons. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2014, 11, 1011-1015.	0.8	2
11	Long-Term Resilience of Late Holocene Coastal Subsistence System in Southeastern South America. <i>PLoS ONE</i> , 2014, 9, e93854.	2.5	67
12	An Integrated Approach to the Taxonomic Identification of Prehistoric Shell Ornaments. <i>PLoS ONE</i> , 2014, 9, e99839.	2.5	17
13	Electron transport in edge-disordered graphene nanoribbons. <i>Physical Review B</i> , 2011, 83, .	3.2	49
14	Generalized tight-binding transport model for graphene nanoribbon-based systems. <i>Physical Review B</i> , 2010, 81, .	3.2	133
15	Thermal expansion of magnetite (4.2â€“300 K). <i>Philosophical Magazine</i> , 2009, 89, 1913-1921.	1.6	2