

# Ian M Overton

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

923  
citations

567281

15  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1932  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Structure of Serine Palmitoyltransferase; Gateway to Sphingolipid Biosynthesis. <i>Journal of Molecular Biology</i> , 2007, 370, 870-886.	4.2	124
2	The Scottish Structural Proteomics Facility: targets, methods and outputs. <i>Journal of Structural and Functional Genomics</i> , 2010, 11, 167-180.	1.2	107
3	Addressing Statistical Biases in Nucleotide-Derived Protein Databases for Proteogenomic Search Strategies. <i>Journal of Proteome Research</i> , 2012, 11, 5221-5234.	3.7	83
4	Transcriptome analysis for the chicken based on 19,626 finished cDNA sequences and 485,337 expressed sequence tags. <i>Genome Research</i> , 2005, 15, 174-183.	5.5	79
5	TarO: a target optimisation system for structural biology. <i>Nucleic Acids Research</i> , 2008, 36, W190-W196.	14.5	79
6	Structures of Three HIV-1 HLA-B*5703-Peptide Complexes and Identification of Related HLAs Potentially Associated with Long-Term Nonprogression. <i>Journal of Immunology</i> , 2005, 175, 2459-2468.	0.8	68
7	ParCrys: a Parzen window density estimation approach to protein crystallization propensity prediction. <i>Bioinformatics</i> , 2008, 24, 901-907.	4.1	64
8	A normalised scale for structural genomics target ranking: The OB-Score. <i>FEBS Letters</i> , 2006, 580, 4005-4009.	2.8	54
9	Carbonic Anhydrase 9 Expression Increases with Vascular Endothelial Growth Factorâ€œTargeted Therapy and Is Predictive of Outcome in Metastatic Clear Cell Renal Cancer. <i>European Urology</i> , 2014, 66, 956-963.	1.9	38
10	Global network analysis of drug tolerance, mode of action and virulence in methicillin-resistant <i>S. aureus</i> . <i>BMC Systems Biology</i> , 2011, 5, 68.	3.0	36
11	Sunitinib Treatment Exacerbates Intratumoral Heterogeneity in Metastatic Renal Cancer. <i>Clinical Cancer Research</i> , 2015, 21, 4212-4223.	7.0	33
12	The ADAR RNA editing enzyme controls neuronal excitability in <i>Drosophila melanogaster</i> . <i>Nucleic Acids Research</i> , 2014, 42, 1139-1151.	14.5	22
13	XANNpred: Neural nets that predict the propensity of a protein to yield diffractionâ€œquality crystals. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 1027-1033.	2.6	21
14	Using simple PID-inspired controllers for online resilient resource management of distributed scientific workflows. <i>Future Generation Computer Systems</i> , 2019, 95, 615-628.	7.5	18
15	Quantitative Shotgun Proteomics Unveils Candidate Novel Esophageal Adenocarcinoma (EAC)-specific Proteins. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1138-1150.	3.8	17
16	TMA Navigator: network inference, patient stratification and survival analysis with tissue microarray data. <i>Nucleic Acids Research</i> , 2013, 41, W562-W568.	14.5	16
17	The Use of Reverse Phase Protein Arrays (RPPA) to Explore Protein Expression Variation within Individual Renal Cell Cancers. <i>Journal of Visualized Experiments</i> , 2013, , .	0.3	8
18	Overcoming intratumoural heterogeneity for reproducible molecular risk stratification: a case study in advanced kidney cancer. <i>BMC Medicine</i> , 2017, 15, 118.	5.5	8

#	ARTICLE	IF	CITATIONS
19	Induced Torpor as a Countermeasure for Low Dose Radiation Exposure in a Zebrafish Model. <i>Cells</i> , 2021, 10, 906.	4.1	8
20	Computational approaches to selecting and optimising targets for structural biology. <i>Methods</i> , 2011, 55, 3-11.	3.8	7
21	SynLeGG: analysis and visualization of multiomics data for discovery of cancer "Achilles Heels"™ and gene function relationships. <i>Nucleic Acids Research</i> , 2021, 49, W613-W618.	14.5	6
22	Long non-coding RNAs and their potential impact on diagnosis, prognosis, and therapy in prostate cancer: racial, ethnic, and geographical considerations. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 1257-1271.	3.1	6
23	Expression, purification, crystallization, data collection and preliminary biochemical characterization of methicillin-resistant <i>Staphylococcus aureus</i> Sar2028, an aspartate/tyrosine/phenylalanine pyridoxal-5-P <sub>2</sub> -phosphate-dependent aminotransferase. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 452-456.	0.7	5
24	Functional Transcription Factor Target Networks Illuminate Control of Epithelial Remodelling. <i>Cancers</i> , 2020, 12, 2823.	3.7	5
25	Purification, crystallization and data collection of methicillin-resistant <i>Staphylococcus aureus</i> Sar2676, a pantothenate synthetase. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 488-491.	0.7	4
26	Proteomic analysis of pre- and post-sunitinib treated renal cancer tissue to assess tumor heterogeneity and differential protein expression.. <i>Journal of Clinical Oncology</i> , 2012, 30, 388-388.	1.6	4
27	The effect of sunitinib on biomarkers and tumor heterogeneity in metastatic clear cell renal cancer.. <i>Journal of Clinical Oncology</i> , 2014, 32, 408-408.	1.6	2
28	RadSigBench: a framework for benchmarking functional genomics signatures of cancer cell radiosensitivity. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	1
29	Immune Cell Networks Uncover Candidate Biomarkers of Melanoma Immunotherapy Response. <i>Journal of Personalized Medicine</i> , 2022, 12, 958.	2.5	0