

# Joseph Lehar

## List of Publications by Year in descending order

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44  
papers

23,541  
citations

172457

29  
h-index

233421

45  
g-index

46  
all docs

46  
docs citations

46  
times ranked

46019  
citing authors

#	ARTICLE	IF	CITATIONS
1	Next-generation characterization of the Cancer Cell Line Encyclopedia. <i>Nature</i> , 2019, 569, 503-508.	27.8	2,149
2	Quantifying neurologic disease using biosensor measurements in-clinic and in free-living settings in multiple sclerosis. <i>Npj Digital Medicine</i> , 2019, 2, 123.	10.9	35
3	Natural Language-based Machine Learning Models for the Annotation of Clinical Radiology Reports. <i>Radiology</i> , 2018, 287, 570-580.	7.3	114
4	Automated deep-neural-network surveillance of cranial images for acute neurologic events. <i>Nature Medicine</i> , 2018, 24, 1337-1341.	30.7	308
5	Resistance mechanisms to TP53-MDM2 inhibition identified by in vivo piggyBac transposon mutagenesis screen in an Arf <sup>fl</sup> mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3151-3156.	7.1	48
6	Simulating Serial-Target Antibacterial Drug Synergies Using Flux Balance Analysis. <i>PLoS ONE</i> , 2016, 11, e0147651.	2.5	14
7	High-Order Drug Combinations Are Required to Effectively Kill Colorectal Cancer Cells. <i>Cancer Research</i> , 2016, 76, 6950-6963.	0.9	30
8	A screen of approved drugs and molecular probes identifies therapeutics with anti-Ebola virus activity. <i>Science Translational Medicine</i> , 2015, 7, 290ra89.	12.4	212
9	High-throughput screening using patient-derived tumor xenografts to predict clinical trial drug response. <i>Nature Medicine</i> , 2015, 21, 1318-1325.	30.7	1,065
10	Gene Expression Ratios Lead to Accurate and Translatable Predictors of DR5 Agonism across Multiple Tumor Lineages. <i>PLoS ONE</i> , 2015, 10, e0138486.	2.5	10
11	Characterization of the Novel and Specific PI3KÎ± Inhibitor NVP-BYL719 and Development of the Patient Stratification Strategy for Clinical Trials. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 1117-1129.	4.1	385
12	CDK 4/6 Inhibitors Sensitize PIK3CA Mutant Breast Cancer to PI3K Inhibitors. <i>Cancer Cell</i> , 2014, 26, 136-149.	16.8	375
13	Inhibiting Tankyrases Sensitizes KRAS-Mutant Cancer Cells to MEK Inhibitors via FGFR2 Feedback Signaling. <i>Cancer Research</i> , 2014, 74, 3294-3305.	0.9	34
14	A Meta-Analysis Approach for Characterizing Pan-Cancer Mechanisms of Drug Sensitivity in Cell Lines. <i>PLoS ONE</i> , 2014, 9, e103050.	2.5	7
15	FDA-Approved Selective Estrogen Receptor Modulators Inhibit Ebola Virus Infection. <i>Science Translational Medicine</i> , 2013, 5, 190ra79.	12.4	285
16	RAD001 Enhances the Potency of BEZ235 to Inhibit mTOR Signaling and Tumor Growth. <i>PLoS ONE</i> , 2012, 7, e48548.	2.5	29
17	The Cancer Cell Line Encyclopedia enables predictive modelling of anticancer drug sensitivity. <i>Nature</i> , 2012, 483, 603-607.	27.8	6,473
18	Knocking out multigene redundancies via cycles of sexual assortment and fluorescence selection. <i>Nature Methods</i> , 2011, 8, 159-164.	19.0	74

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19	Chemical combinations elucidate pathway interactions and regulation relevant to Hepatitis C replication. <i>Molecular Systems Biology</i> , 2010, 6, 375.	7.2	30
20	Recurrent, Robust and Scalable Patterns Underlie Human Approach and Avoidance. <i>PLoS ONE</i> , 2010, 5, e10613.	2.5	22
21	Identification of Synergistic Combinations of F508del Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Modulators. <i>Assay and Drug Development Technologies</i> , 2010, 8, 669-684.	1.2	20
22	Synergistic drug combinations tend to improve therapeutically relevant selectivity. <i>Nature Biotechnology</i> , 2009, 27, 659-666.	17.5	784
23	Therapeutic selectivity and the multi-node drug target. <i>Discovery Medicine</i> , 2009, 8, 185-90.	0.5	16
24	Combination chemical genetics. <i>Nature Chemical Biology</i> , 2008, 4, 674-681.	8.0	158
25	High-order combination effects and biological robustness. <i>Molecular Systems Biology</i> , 2008, 4, 215.	7.2	86
26	THE CENTRAL COMPONENT OF GRAVITATIONAL LENS Q0957+561. <i>Astronomical Journal</i> , 2008, 135, 984-990.	4.7	1
27	Chemical combination effects predict connectivity in biological systems. <i>Molecular Systems Biology</i> , 2007, 3, 80.	7.2	243
28	Multi-target therapeutics: when the whole is greater than the sum of the parts. <i>Drug Discovery Today</i> , 2007, 12, 34-42.	6.4	947
29	Probing the Coevolution of Supermassive Black Holes and Galaxies Using Gravitationally Lensed Quasar Hosts. <i>Astrophysical Journal</i> , 2006, 649, 616-634.	4.5	352
30	First Results from a Photometric Survey of Strong Gravitational Lens Environments. <i>Astrophysical Journal</i> , 2006, 646, 85-106.	4.5	52
31	The FIRST-Optical-VLA Survey for Lensed Radio Lobes. <i>Astronomical Journal</i> , 2005, 130, 1977-1995.	4.7	6
32	Radio Variability of Radio-quiet and Radio-loud Quasars. <i>Astrophysical Journal</i> , 2005, 618, 108-122.	4.5	99
33	PGC-1-responsive genes involved in oxidative phosphorylation are coordinately downregulated in human diabetes. <i>Nature Genetics</i> , 2003, 34, 267-273.	21.4	8,185
34	Systematic discovery of multicomponent therapeutics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7977-7982.	7.1	551
35	NICMOS and VLA Observations of the Gravitationally Lensed Ultraluminous BAL Quasar APM 08279+5255: Detection of a Third Image. <i>Astronomical Journal</i> , 1999, 118, 1922-1930.	4.7	60
36	A Reassessment of the Data and Models of the Gravitational Lens Q0957+561. <i>Astrophysical Journal</i> , 1999, 520, 479-490.	4.5	24

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37	Ringlike Structure in the Radio Lobe of MG 0248+0641. Astronomical Journal, 1998, 115, 37-48.	4.7	6
38	A Gravitational Lens Solution for the [ITAL]IRAS[/ITAL] Galaxy FSC 10214+4724. Astrophysical Journal, 1995, 450, L41-L44.	4.5	84
39	Optical rings: a large number of gravitational lenses?. Monthly Notices of the Royal Astronomical Society, 1992, 259, 31P-34P.	4.4	28
40	Reconciling the image brightness ratios in the gravitational lens system 0957 + 561. Astrophysical Journal, 1992, 387, L61.	4.5	19
41	The Hubble constant from VLA measurement of the time delay in the double quasar 0957+561. Nature, 1991, 352, 43-45.	27.8	32
42	Faint radio sources and gravitational lensing. Astrophysical Journal, 1990, 353, 34.	4.5	8
43	The second MIT-Green Bank 5 GHz survey. Astrophysical Journal, Supplement Series, 1990, 72, 621.	7.7	38
44	The third MIT-Green Bank 5 GHz survey. Astrophysical Journal, Supplement Series, 1990, 74, 129.	7.7	40