

Stefano Lise

List of Publications by Year in descending order

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44
papers

2,674
citations

201658

27
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265191

42
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docs citations

47
times ranked

6127
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical <i>BRCA1/2</i> Reversion Analysis Identifies Hotspot Mutations and Predicted Neoantigens Associated with Therapy Resistance. <i>Cancer Discovery</i> , 2020, 10, 1475-1488.	9.4	109
2	The Immunogenic Potential of Recurrent Cancer Drug Resistance Mutations: An In Silico Study. <i>Frontiers in Immunology</i> , 2020, 11, 524968.	4.8	7
3	Extreme intratumour heterogeneity and driver evolution in mismatch repair deficient gastro-oesophageal cancer. <i>Nature Communications</i> , 2020, 11, 139.	12.8	44
4	Genome-wide plasma DNA methylation features of metastatic prostate cancer. <i>Journal of Clinical Investigation</i> , 2020, 130, 1991-2000.	8.2	68
5	Identification of single nucleotide variants using position-specific error estimation in deep sequencing data. <i>BMC Medical Genomics</i> , 2019, 12, 115.	1.5	10
6	Genomic and Transcriptomic Determinants of Therapy Resistance and Immune Landscape Evolution during Anti-EGFR Treatment in Colorectal Cancer. <i>Cancer Cell</i> , 2019, 36, 35-50.e9.	16.8	179
7	<i>In Vivo</i> Modeling of Chemoresistant Neuroblastoma Provides New Insights into Chemorefractory Disease and Metastasis. <i>Cancer Research</i> , 2019, 79, 5382-5393.	0.9	42
8	Mutations in <i>MAST1</i> Cause Mega-Corpus-Callosum Syndrome with Cerebellar Hypoplasia and Cortical Malformations. <i>Neuron</i> , 2018, 100, 1354-1368.e5.	8.1	35
9	Ultra-Sensitive Mutation Detection and Genome-Wide DNA Copy Number Reconstruction by Error-Corrected Circulating Tumor DNA Sequencing. <i>Clinical Chemistry</i> , 2018, 64, 1626-1635.	3.2	46
10	Biallelic Mutation of <i>ARHGEF18</i> , Involved in the Determination of Epithelial Apicobasal Polarity, Causes Adult-Onset Retinal Degeneration. <i>American Journal of Human Genetics</i> , 2017, 100, 334-342.	6.2	26
11	A Novel Strategy Combining Array-CGH, Whole-exome Sequencing and <i>In Utero</i> Electroporation in Rodents to Identify Causative Genes for Brain Malformations. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	0
12	Making the most of RNA-seq: Pre-processing sequencing data with Opossum for reliable SNP variant detection. <i>Wellcome Open Research</i> , 2017, 2, 6.	1.8	36
13	Combination of Whole Genome Sequencing, Linkage, and Functional Studies Implicates a Missense Mutation in <i>Titin</i> as a Cause of Autosomal Dominant Cardiomyopathy With Features of Left Ventricular Noncompaction. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 426-435.	5.1	67
14	Autosomal dominant osteopetrosis associated with renal tubular acidosis is due to a <i>CLCN7</i> mutation. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 2988-2992.	1.2	10
15	Mutations in <i>REEP6</i> Cause Autosomal-Recessive Retinitis Pigmentosa. <i>American Journal of Human Genetics</i> , 2016, 99, 1305-1315.	6.2	121
16	Premalignant <i>SOX2</i> overexpression in the fallopian tubes of ovarian cancer patients: Discovery and validation studies. <i>EBioMedicine</i> , 2016, 10, 137-149.	6.1	34
17	Biallelic Mutations in the Autophagy Regulator <i>DRAM2</i> Cause Retinal Dystrophy with Early Macular Involvement. <i>American Journal of Human Genetics</i> , 2015, 96, 948-954.	6.2	42
18	Factors influencing success of clinical genome sequencing across a broad spectrum of disorders. <i>Nature Genetics</i> , 2015, 47, 717-726.	21.4	310

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19	Next-generation sequencing (NGS) as a diagnostic tool for retinal degeneration reveals a much higher detection rate in early-onset disease. <i>European Journal of Human Genetics</i> , 2013, 21, 274-280.	2.8	119
20	Periventricular heterotopia in 6q terminal deletion syndrome: role of the C6orf70 gene. <i>Brain</i> , 2013, 136, 3378-3394.	7.6	85
21	Next generation sequencing for molecular diagnosis of neurological disorders using ataxias as a model. <i>Brain</i> , 2013, 136, 3106-3118.	7.6	146
22	Recessive Mutations in SPTBN2 Implicate Î²-III Spectrin in Both Cognitive and Motor Development. <i>PLoS Genetics</i> , 2012, 8, e1003074.	3.5	94
23	PepSite: prediction of peptide-binding sites from protein surfaces. <i>Nucleic Acids Research</i> , 2012, 40, W423-W427.	14.5	174
24	Exome sequencing can detect pathogenic mosaic mutations present at low allele frequencies. <i>Journal of Human Genetics</i> , 2012, 57, 70-72.	2.3	58
25	Next-generation sequencing in health-care delivery: lessons from the functional analysis of rhodopsin. <i>Genetics in Medicine</i> , 2012, 14, 891-899.	2.4	28
26	Predictions of Hot Spot Residues at Protein-Protein Interfaces Using Support Vector Machines. <i>PLoS ONE</i> , 2011, 6, e16774.	2.5	78
27	Prediction of hot spot residues at protein-protein interfaces by combining machine learning and energy-based methods. <i>BMC Bioinformatics</i> , 2009, 10, 365.	2.6	100
28	Docking protein domains in contact space. <i>BMC Bioinformatics</i> , 2006, 7, 310.	2.6	14
29	The CATH Domain Structure Database and related resources Gene3D and DHS provide comprehensive domain family information for genome analysis. <i>Nucleic Acids Research</i> , 2004, 33, D247-D251.	14.5	226
30	Sequence patterns associated with disordered regions in proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 58, 144-150.	2.6	72
31	Nonconservative Earthquake Model of Self-Organized Criticality on a Random Graph. <i>Physical Review Letters</i> , 2002, 88, 228301.	7.8	42
32	Self-organization to criticality in a system without conservation law. <i>Journal of Physics A</i> , 2002, 35, 4641-4649.	1.6	9
33	Bethe approximation for self-interacting lattice trees. <i>Europhysics Letters</i> , 2001, 53, 176-182.	2.0	10
34	Scaling in a nonconservative earthquake model of self-organized criticality. <i>Physical Review E</i> , 2001, 64, 046111.	2.1	27
35	Comment on "Self-Organized Criticality in the Olami-Feder-Christensen Model". <i>Physical Review Letters</i> , 2001, 87, 039801.	7.8	25
36	Self-organized criticality and universality in a nonconservative earthquake model. <i>Physical Review E</i> , 2001, 63, 036111.	2.1	57

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37	Langevin equations coupled through correlated noises. Journal of Physics A, 1999, 32, 5251-5260.	1.6	5
38	A non-equilibrium percolation transition in random Ising ferromagnets. Journal of Physics A, 1998, 31, L713-L719.	1.6	0
39	Phase diagram and critical behaviour of homopolymers with steric frustration. Journal of Physics A, 1998, 31, 6183-6188.	1.6	0
40	Bethe approximation for a semiflexible polymer chain. Physical Review E, 1998, 58, R5241-R5244.	2.1	28
41	Boundary effects in a random neighbor model of earthquakes. Physical Review E, 1998, 57, 3633-3636.	2.1	4
42	Nonconservative sandpile models. Physical Review E, 1997, 56, 6702-6709.	2.1	23
43	Transitions in Nonconserving Models of Self-Organized Criticality. Physical Review Letters, 1996, 76, 2326-2329.	7.8	45
44	Interfacial Properties of Interacting Surfaces. Europhysics Letters, 1995, 32, 735-740.	2.0	7