

# Jeremy Bellucci

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8792182/publications.pdf>

Version: 2024-02-01

43  
papers

1,265  
citations

331670

21  
h-index

361022

35  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1302  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling fractional crystallization of group IVB iron meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 2198-2216.	3.9	136
2	Evidence for extremely rapid magma ocean crystallization and crust formation on Mars. <i>Nature</i> , 2018, 558, 586-589.	27.8	111
3	Early formation of evolved asteroidal crust. <i>Nature</i> , 2009, 457, 179-182.	27.8	81
4	Pb-isotopic evidence for an early, enriched crust on Mars. <i>Earth and Planetary Science Letters</i> , 2015, 410, 34-41.	4.4	64
5	Phosphate ages in Apollo 14 breccias: Resolving multiple impact events with high precision U-Pb SIMS analyses. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 174, 13-29.	3.9	62
6	Lunar basalt chronology, mantle differentiation and implications for determining the age of the Moon. <i>Earth and Planetary Science Letters</i> , 2016, 451, 149-158.	4.4	60
7	Terrestrial-like zircon in a clast from an Apollo 14 breccia. <i>Earth and Planetary Science Letters</i> , 2019, 510, 173-185.	4.4	56
8	A new U-Pb age for shock-recrystallised zircon from the Lappajärvi impact crater, Finland, and implications for the accurate dating of impact events. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 245, 479-494.	3.9	48
9	Halogen and Cl isotopic systematics in Martian phosphates: Implications for the Cl cycle and surface halogen reservoirs on Mars. <i>Earth and Planetary Science Letters</i> , 2017, 458, 192-202.	4.4	45
10	Regolith breccia Northwest Africa 7533: Mineralogy and petrology with implications for early Mars. <i>Meteoritics and Planetary Science</i> , 2017, 52, 89-124.	1.6	43
11	Isotopic Fingerprinting of the World's First Nuclear Device Using Post-Detonation Materials. <i>Analytical Chemistry</i> , 2013, 85, 4195-4198.	6.5	39
12	Nuclear forensics: searching for nuclear device debris in trinitite-hosted inclusions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 293, 313-319.	1.5	35
13	Ancient volcanism on the Moon: Insights from Pb isotopes in the MIL 13317 and Kalahari 009 lunar meteorites. <i>Earth and Planetary Science Letters</i> , 2018, 502, 84-95.	4.4	34
14	A detailed geochemical investigation of post-nuclear detonation trinitite glass at high spatial resolution: Delineating anthropogenic vs. natural components. <i>Chemical Geology</i> , 2014, 365, 69-86.	3.3	31
15	A multi-method approach for determination of radionuclide distribution in trinitite. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 993-1003.	1.5	28
16	Thermal history and origin of the Tanzanian Craton from Pb isotope thermochronology of feldspars from lower crustal xenoliths. <i>Earth and Planetary Science Letters</i> , 2011, 301, 493-501.	4.4	26
17	A scanning ion imaging investigation into the micron-scale U-Pb systematics in a complex lunar zircon. <i>Chemical Geology</i> , 2016, 438, 112-122.	3.3	25
18	A 4463 Ma apparent zircon age from the Jack Hills (Western Australia) resulting from ancient Pb mobilization. <i>Geology</i> , 2018, 46, 303-306.	4.4	25

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19	A Pb isotopic resolution to the Martian meteorite age paradox. <i>Earth and Planetary Science Letters</i> , 2016, 433, 241-248.	4.4	23
20	Apollo 12 breccia 12013: Impact-induced partial Pb loss in zircon and its implications for lunar geochronology. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 230, 94-111.	3.9	23
21	Distribution and behavior of some radionuclides associated with the Trinity nuclear test. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 2049-2057.	1.5	21
22	The Pb isotopic evolution of the Martian mantle constrained by initial Pb in Martian meteorites. <i>Journal of Geophysical Research E: Planets</i> , 2015, 120, 2224-2240.	3.6	21
23	Impact history of the Apollo 17 landing site revealed by Uâ€Pb <sc>SIMS</sc> ages. <i>Meteoritics and Planetary Science</i> , 2017, 52, 584-611.	1.6	21
24	Romita pottery revisited: a reassessment of the provenance of ceramics from Colonial Mexico by LA-MC-ICP-MS. <i>Journal of Archaeological Science</i> , 2010, 37, 2698-2704.	2.4	19
25	Lead Isotopic Composition of Trinitite Melt Glass: Evidence for the Presence of Canadian Industrial Lead in the First Atomic Weapon Test. <i>Analytical Chemistry</i> , 2013, 85, 7588-7593.	6.5	19
26	The accumulation of non-formula elements in zircons during weathering: Ancient zircons from the Jack Hills, Western Australia. <i>Chemical Geology</i> , 2019, 530, 119310.	3.3	18
27	Recrystallization and chemical changes in apatite in response to hypervelocity impact. <i>Geology</i> , 2020, 48, 19-23.	4.4	17
28	Pb evolution in the Martian mantle. <i>Earth and Planetary Science Letters</i> , 2018, 485, 79-87.	4.4	16
29	Constraining the timing and sources of volcanism at the Apollo 12 landing site using new Pb isotopic compositions and crystallisation ages. <i>Chemical Geology</i> , 2018, 482, 101-112.	3.3	15
30	Mechanisms and consequences of intra-crystalline enrichment of ancient radiogenic Pb in detrital Hadean zircons from the Jack Hills, Western Australia. <i>Earth and Planetary Science Letters</i> , 2019, 517, 38-49.	4.4	14
31	Water content in the Martian mantle: A Nakhla perspective. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 212, 84-98.	3.9	12
32	Pb-Pb ages of feldspathic clasts in two Apollo 14 breccia samples. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 217, 441-461.	3.9	11
33	Age of the SÃÅksjÃrvi impact structure, Finland: reconciling the timing of small impacts in crystalline basement with regional basin development. <i>Journal of the Geological Society</i> , 2020, 177, 1231-1243.	2.1	11
34	Simultaneous Pu and U Isotope Nuclear Forensics on an Environmentally Recovered Hot Particle. <i>Analytical Chemistry</i> , 2019, 91, 5599-5604.	6.5	9
35	Tracing martian surface interactions with the triple O isotope compositions of meteoritic phosphates. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115977.	4.4	8
36	The sulfur budget and sulfur isotopic composition of Martian regolith breccia NWA 7533. <i>Meteoritics and Planetary Science</i> , 2020, 55, 2097-2116.	1.6	8

#	ARTICLE	IF	CITATIONS
37	Pb isotopes in the impact melt breccia 66095: Association with the Imbrium basin and the isotopic composition of lithologies at the Apollo 16 landing site. <i>Chemical Geology</i> , 2017, 466, 608-616.	3.3	7
38	Geochronology of Hadean zircon grains from the Jack Hills, Western Australia constrained by quantitative scanning ion imaging. <i>Chemical Geology</i> , 2018, 476, 469-480.	3.3	7
39	U-Pb age distribution recorded in zircons from Archean quartzites in the Mt. Alfred area, Yilgarn Craton, Western Australia. <i>Precambrian Research</i> , 2018, 310, 278-290.	2.7	6
40	Day et al. reply. <i>Nature</i> , 2009, 459, E2-E2.	27.8	5
41	Insights into the chemical diversity of the martian mantle from the Pb isotope systematics of shergottite Northwest Africa 8159. <i>Chemical Geology</i> , 2020, 545, 119638.	3.3	3
42	Direct Pb Isotopic Analysis of a Nuclear Fallout Debris Particle from the Trinity Nuclear Test. <i>Analytical Chemistry</i> , 2017, 89, 1887-1891.	6.5	2
43	Zamorako zeramiken beiratua egiteko zeramikariak erabilitako galenaren jatorrizko meatzearen identifikazioa, berun isotopoen analisiaren bidez. , 0, , .		0