

GENEALOGY DATABASE ENTRY

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Macquer, Pierre Joseph

1718 - 1784

DEGREE: MD

DATE: 1742

PLACE: Paris

TEACHER/RESEARCH ADVISOR: Rouelle

first to notice that water is produced by a hydrogen flame; analyzed gypsum and discovered first arsenate salts; showed Prussian Blue contains Fe and devised a method to use it to dye wool and silk; re-introduced the term "gas"; wrote first modern chemical dictionary; used burning lenses to study effect of high temperatures on platinum (with Baume) and diamonds (with Lavoisier).

1. *Dictionary of Scientific Biography*; Charles Scribner's Sons: 1970-1990; vol. 8, p618-624.
2. *Endeavour* **1957**, 16, 133-136.
3. Partington, J. R. *A History of Chemistry*; Macmillan: 1962; vol. 3, p80-90.
4. *A Biographical Dictionary of Scientists*; Williams, T. I., Ed.; Wiley: 1969; p347-348.
5. *Nouvelle Biographie Generale*; Firmin, Didot Freres: 1852-1866; vol. 32, col 595-596.
6. *Michaud Biographie Universelle (2nd Ed.)*; Delagrave: 1843-1865; vol. 25, p658-659.
7. *Biographie Universelle*; Chez Michaud Freres, Imprim.-Libraires: 1811-1827; vol. 26, p76-78.
8. Coleby, J. M. *Chemical Studies of PJ Macquer*; G. Allen & Unwin Ltd.: 1938.
9. *Biographie Medicale*; Bayle, G.-L.; Thillaye, J. B.-J., Eds.; B. M. Israel: 1967 Reprint; vol. 2, p430-431.